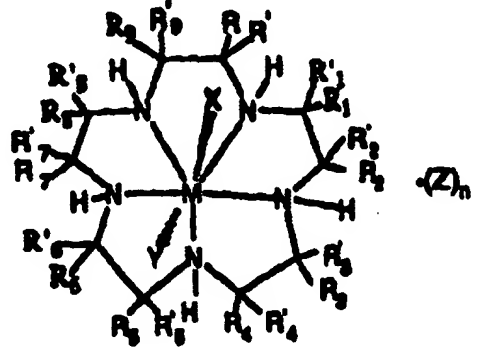




## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification <sup>6</sup> : C07D 259/00, A61K 31/555	A1	(11) International Publication Number: <b>WO 97/33877</b> (43) International Publication Date: 18 September 1997 (18.09.97)
(21) International Application Number: PCT/US97/02566 (22) International Filing Date: 4 March 1997 (04.03.97) (30) Priority Data: 60/013,348      13 March 1996 (13.03.96)      US PCT/US96/12767      14 August 1996 (14.08.96)      WO (34) Countries for which the regional or international application was filed: US et al. (60) Parent Applications or Grants (63) Related by Continuation US      60/013,348 (CON) Filed on      13 March 1996 (13.03.96) US      PCT/US96/12767 (CON) Filed on      14 August 1996 (14.08.96) (71) Applicant (for all designated States except US): MONSANTO COMPANY [US/US]; 800 North Lindbergh Boulevard, St. Louis, MO 63167 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): NEUMANN, William, L. [US/US]; 212 West Monroe, Kirkwood, MO 63122 (US). RILEY, Dennis, P. [US/US]; 800 Chancellor Heights Drive,	Ballwin, MO 63011 (US). WEISS, Randy, H. [US/US]; 3074 Woodbridge Estates Drive, St. Louis, MO 63129 (US). HENKE, Susan, L. [US/US]; 123 Parsons Avenue, Webster Grove, MO 63119 (US). LENNON, Patrick, J. [US/US]; 7540 Wydown Boulevard #3W, Clayton, MO 63105 (US). ASTON, Karl, W. [US/US]; 19040 Sunflower Ridge Lane, Pacific, MO 63069 (US). (74) Agents: ROTH, Michael, J. et al.; G.D. Searle & Co., Corporate Patent Dept., P.O. Box 5110, Chicago, IL 60680-5110 (US). (81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.	
(54) Title: BIOCONJUGATES OF MANGANESE OR IRON COMPLEXES OF NITROGEN-CONTAINING MACROCYCLIC LIGANDS EFFECTIVE AS CATALYSTS FOR DISMUTATING SUPEROXIDE		
(57) Abstract <p>Bioconjugates of low molecular weight mimics of superoxide dismutase (SOD) represented by formula (I) wherein R, R', R<sub>1</sub>, R'<sub>1</sub>, R<sub>2</sub>, R'<sub>2</sub>, R<sub>3</sub>, R'<sub>3</sub>, R<sub>4</sub>, R'<sub>4</sub>, R<sub>5</sub>, R'<sub>5</sub>, R<sub>6</sub>, R'<sub>6</sub>, R<sub>7</sub>, R'<sub>7</sub>, R<sub>8</sub>, R'<sub>8</sub>, R<sub>9</sub>, R'<sub>9</sub>, X, Y, Z, M and n are as defined herein, useful as therapeutic agents for inflammatory disease states and disorders, such as ischemic/reperfusion injury, stroke, atherosclerosis, and all other conditions of oxidant-induced tissue damage or injury.</p> <div style="text-align: center;">  <p>(I)</p> </div>		